

# Department of Transportation

- **Supports planning in 340 metro areas.**

## **Planning:**

- Highway
- Transit

## **Focus**

- Regional
- project
- operations

## **Requirements**

- Process must be comprehensive, cooperative and continuous
- monitor and certify, every three years in larger areas; ensure compliance
- analytic techniques must fit the complexity of the problem

# Agencies Involved

- Local Planning Agencies
- State Departments of Transportation
- Transit Operators
- State Environmental Agencies
- EPA in non- attainment areas

# Current Analytic Methods

- Developed in 1960's
- Designed for different era
  - major facilities
  - single trips
- better tools to address current issues
  - trip chaining
  - time of day shift
  - pricing
  - ITS
  - operational improvements.

# TRANSIMS

- Designed to respond to changing needs
- Under development since 1994
- Now planning for deployment

# Early Deployment Program - Activities

- Complete TRANSIMS core
- Develop user friendly software
- Support local agencies in implementation

# Early Deployment Program

- Program goals
  - TRANSIMS operational in several locations
  - Begin Training Consultants and Transportation Planning Agency Staff
  - Identify and Document Problems, Experiences, and Techniques
  - Fix problems and add additional capability

# Local Agency Support

- Fall 1999 - Solicit agencies to participate
- January 2000 - Receive application
- April 2000 - Announce selected agencies
- Up to \$6 million available

# Other Support Activities

- Through Texas Transportation Institute:
  - presentations
  - training on theory
  - monitor agency implementations
  - conferences on application
  - document distribution

# Contract to Cover

- **Base contract**
  - User friendly software
  - Software training
- **Optional**
  - Provision of computing capability
  - Technical support for analysis
  - Data preparation
  - Performing studies
    - long range plans
    - highway and transit projects
    - Environmental impact statements
    - Air Quality analysis
    - others